

Work Order ID 153208

Thursday, November 10, 2016 11:19:04 AM

153208**PRELIMINARY ISSUE**
DAS 9-89

Page 1

Item ID: D5383-1

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Tee

Start Date: 11/10/2016 Start Qty: 2.00

2

Cust Item ID:

Required Date: 11/15/2016 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

D5383

A Rev B

DAS 9 9-89

100

0.00

100

Purchasing

Memo

Issue P/O:

3424

0.00

Purchase Part Number: (AS4410J040404L)

SUPPLIER: PAMCO

Certificate of conformity is required

W 11/10/10

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Memo

0.00

Packaging

2x SP 11/10/10

Work Order ID 153208

Thursday, November 10, 2016 11:19:05 AM

153208

Page 2

Item ID: D5383-1 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Tee
 Start Date: 11/10/2016 Start Qty: 2.00 ***2*** Cust Item ID:
 Required Date: 11/15/2016 Req'd Qty: 2.00 ***2*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	QC6- Inspect dimensions to drawing	0.00				2	φ		DAS 38 9-89
120									
QC	Memo	0.00							
Quality Control									NOV 10 2016
130		0.00				2	φ		DAS 08 9-89
130									
HAAS 1	Memo	0.00							
HAAS CNC vertical machine #1	***ONLY IF USING AS4410J040404***								
	1- Drill lock wire hole per folio								
	DWG REV: _____								
	FOLIO REV: <u>AA</u>								
	2- Deburr								
135	QC2- Inspect parts off machine FAI/FAIB	0.00				2	φ		DAS 08 9-89
135									
QC	Memo	0.00							
Quality Control									

POSITIVE RECALL
 EFFECTIVE 16-11-16 AUTH W
 RELEASED 9 DATE 16-11-24
 9-89

Work Order ID 153208

Thursday, November 10, 2016 11:19:05 AM

153208

Page 3

Item ID: D5383-1 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Tee
Start Date: 11/10/2016 Start Qty: 2.00 ***2*** Cust Item ID:
Required Date: 11/15/2016 Req'd Qty: 2.00 ***2*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
140	QC8- Inspect parts - second check	0.00							
140						2			DAS 38 9-89
QC	Memo	0.00							NOV 16 2016
Quality Control									
150	Identify as per dwg & Stock Location: <u>2016-11-11</u>	0.00							
150						2			DAS 38 9-89
Packaging	Memo	0.00							NOV 16 2016
Packaging									
160	QC21- Final Inspection - Work Order Release	0.00							
160									DAS 21 9-89
QC	Memo	0.00							NOV 25 2016
Quality Control									

16-11-22

Picklist Print

Thursday, November 10, 2016 11:19:04 AM

Page 1

Work Order ID: 153208

153208

Parent Item: D5383-1

D5383-1

Parent Item Name: Tee

Start Date: 11/10/2016

Required Date: 11/15/2016

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP REV:A 16.01.21 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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AS4410J040404

Purchased

No

Each

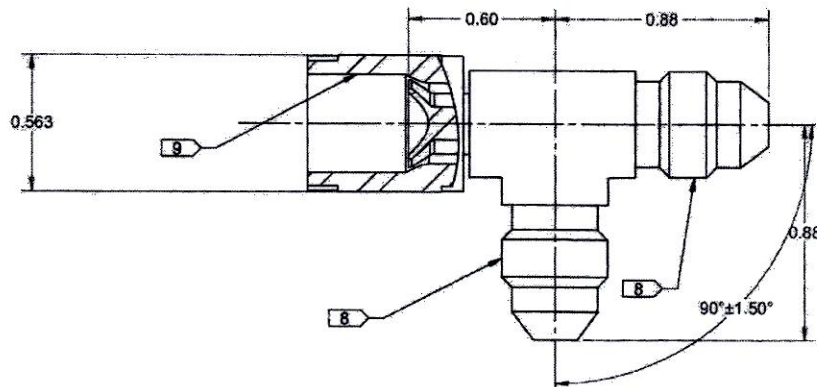
0.0000

AS4410.1040404

²
2x 8/6-11-10

Tee

SPECIFICATION CONTROL DRAWING



DART P/N	P/N	MATERIAL	WEIGHT (LBS)
D5383-1	AS4410J040404L	304 STAINLESS	0.09

AS4410J040404L - drill bottoming hole

D5383-1 TEE

NOTES:

- 1) MATERIAL: PER TABLE
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D5383-1" PER DART QSI 044 6.1
- 7) WEIGHT: 0.09 lbs
- 8) THREADS SHALL BE 7/16-20UNJF-3A
- 9) THREADS SHALL BE 7/16-20UNJF-3B

RELEASED
2016-10-05
EEN 16-589

APPROVED

REV.	DESCRIPTION	BY	DATE
A	NEW ISSUE	CC	16.01.20
DESIGN	CC		
DRAWN	CC		
CHECKED	AK		
MFG. APPR.	JLM		
APPROVED	HS		
DE APPR.	DS		
DATE	16.01.20		

PRELIMINARY ISSUE

DART AEROSPACE USA, LTD
EUGENE, OREGON, USA

DRAWING NO.

D5383

TITLE

TEE

REV. A

SHEET 1 OF 1

SCALE

NTS

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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO34211

Purchase Order Date 11/7/2016

PO Print Date 11/7/2016

Page Number 1 of 2

Order From :
CRESTWOOD TECHNOLOGY GROUP
1 ODELL PLAZA
SUITE 139
YONKERS, NY 10701
USA

VU-CRE001

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED
NOV 04 2016

Contact Name
Vendor Phone 1-866-779-0807
Ship To Contact
Ship To Phone
Ship Via: FedEx Economy collect
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency USD
FOB FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	AS4410J040404	Tee	11/9/2016 Yes 11/9/2016	FN	2.00 Each	\$90.00	\$180.00
		DAS 38 9-89					
						Line Total:	\$180.00
2	71401-45	PROCUREMENT QUALITY CLAUSES	11/9/2016 No 11/9/2016		1.00	\$0.00	\$0.00
	Procurement Quality Clauses A005 RIGHT OF ENTRY A012 CHEMICAL AND PHYSICAL TEST REPORTS A016 PERSONNEL QUALIFICATION A026 CERTIFICATION OF MATERIAL CONFORMANCE A032 PUBLIC LAW 101-592 FASTENER QUALITY ACT A040 NOTIFICATION OF QUALITY ESCAPE A041 QUALITY MANAGEMENT SYSTEM A043 RETENTION OF QUALITY DOCUMENT						
						Line Total:	\$0.00

PO Instructions: Fedex Acc# 151793240

Note:

11/7/2016

153208



Crestwood Technology Group
1 Odell Plaza
Yonkers, NY 10701
Phone - 914-779-3500
Fax - 914-375-4508



PACKING LIST

Shipment #	4046503
Purchase Order #	PO34211
Sales Order #	1044730
Ship Date	11-08-16
Page #	1 of 1

Ship Via	Terms	Buyer	Account #	Salespeople	Entered By	Warehouse
FDX INT ECONOMY	NET 30	Linda Lacelle	002786	001	SHEALA	01

Sold To:

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKERSBUR, ON K6A 1K7
CANADA

Ship To:

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKERSBUR, ON K6A 1K7
CANADA

Phone:

LINE	ITEM # / DESCRIPTION	CUSTOMER ITEM # MANUFACTURER	U/M	QTY ORD	SHIPPED	CTG LOT # / DATE CODE
------	-------------------------	---------------------------------	-----	---------	---------	--------------------------

1 AS4410J040404
Tee

EA

2

2 2119055

DAS
38
9-89

NOV 10 2016

9-89
22
DAS

Use Freight Account : 151793240

Your purchase order is further governed by the policies, terms, and conditions as set forth in the "Terms and Conditions" section of our website www.ctg123.com/terms at the time of your purchase. If you cannot access this website, please call us at (914) 779-3500, ext.122 and a written copy will be provided to you. Your failure to review the Terms and Conditions does not waive any of the terms or conditions.

TERMS AND CONDITIONS OF SALE

Crestwood Technology Group (CTG) considers all sales to be non-cancelable, non-returnable, and non-refundable and cannot be rescheduled. The only exceptions may be if a customer reports to us in writing, within 7 calendar days of ship date, that the goods received do not conform to the manufacturer's stated form, fit or function (failure report required). For any RMA issues, please visit our website for details; www.ctg123.com/terms-of-sale. RMA's will not be accepted without a specific RMA number provided by CTG.



1 Odell Plaza
Suite 139
Yonkers, NY 10701-1402

(914) 274-6122 ph
(914) 470-4037 fax
moyna@ctgnow.com

Certificate of Compliance

Customer:	DART AEROSPACE LTD		Shipping Location:	HAWKERSBUR, ON CA	
Part #:	AS4410J040404	MFG:		Lot No:	
Qty:	2	Date Code:		Rev:	

It is hereby certified that all materials used in the manufacture of parts in the quantity called for on the subject purchase order conform to the material and or manufacturing specifications indicated in drawings or specifications as called for on said purchase order, and conform to the requirements of JESD 31 and JESD 625.



Brendan Moyna
Director of QA

Quality Assurance Control Document

Customer Purchase Order #: PO34211

Ship Date: 11/08/16

The contents of this shipment are certified accurate in the count and product specifications by the following team members:

Inspected by: _____



Packed by: _____



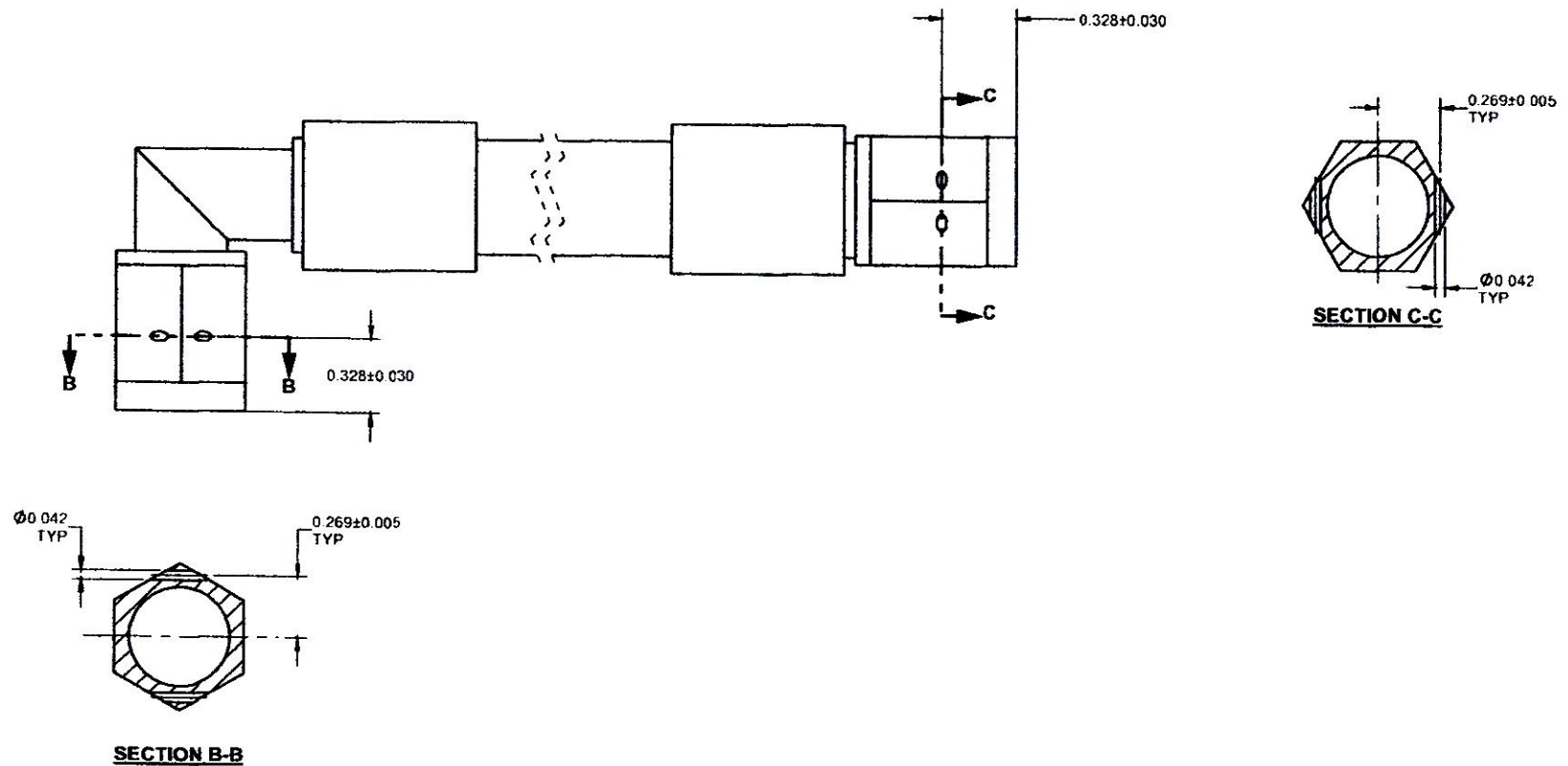
Remarks:

We pride ourselves in our commitment to quality and 100% accuracy. In the event of a discrepancy please return a copy of this paper with a discrepancy report. All claims must be made in writing within 7 calendar days of receipt of product to be valid.

Terms and Conditions of Sale

Crestwood Technology Group (CTG) considers all sales to be non-cancelable, non-returnable, and non-refundable and parts cannot be rescheduled. The only exceptions may be if a customer reports to us in writing, within 7 calendar days of receiving product, that the goods received a) are not the parts they ordered on their purchase order, or b) do not conform to the manufacturers stated form, fit or function for the product. For returns that we authorize with a Return Merchandise Authorization (RMA) in writing, CTG either will issue an in-house credit for a future purchase, replace the parts, or refund our client for the cost of goods purchased reflected on our invoice, at our sole discretion. CTG may charge a 25% restocking fee for parts that we authorize for a return (RMA). Our liability, resulting from the purchase or sale of any product, will always be limited to the cost of the goods purchased which is reflected on our invoice to the client. Your purchase order is further governed by the policies, terms, and conditions as set forth in the "Terms and Conditions" section on our website at www.ctg123.com/terms-of-sale at the time of your purchase. If you cannot access the website, please call us at (914) 779-3500, ext. 122 and a written copy will be provided to you. Your failure to review the Terms and Conditions does not waive any of the terms or conditions.

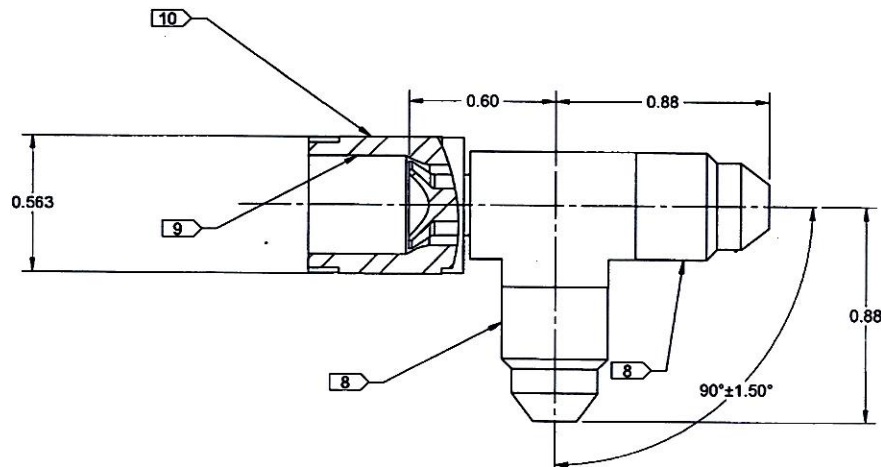
reference for
lockwire holes
location



UNAPPROVED

DESIGN	CC	DART AEROSPACE USA, INC.	
DRAWN	CC	EUGENE, OR, USA	
CHECKED	RF	DRAWING NO	REV. B2
MFG. APPR.	JLM	D5373	SHEET 2 OF 2
APPROVED	HS	TITLE	SCALE
DE APPR	DS	OIL DRAIN LINE	NTS
DATE	16.11.07	COPYRIGHT © 2016 BY DART AEROSPACE USA, INC.	

SPECIFICATION CONTROL DRAWING



DART P/N	P/N	MATERIAL	WEIGHT (LBS)
D5383-1	AS4410J040404L ALT: AS4410J040404	304 STAINLESS	0.09

D5383-1 TEE

NOTES:

- 1) MATERIAL: PER TABLE
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D5383-1" PER DART QSI 044 6.1
- 7) WEIGHT: 0.09 lbs
- 8) THREADS SHALL BE 7/16-20UNJF-3A
- 9) THREADS SHALL BE 7/16-20UNJF-3B
- 10) FOR THE AS4410J040404, DRILL LOCK-WIRE HOLES PER SHEET 2, DETAIL A

RELEASED
2016-11-21
ECN 16-675

B	ADDED SHEET 2. ADDED ALTERNATE PART NUMBER	CC	16.11.15
A	NEW ISSUE	CC	16.01.20
REV.	DESCRIPTION	BY	DATE
DESIGN	CC	DART AEROSPACE USA, LTD EUGENE, OREGON, USA	
DRAWN	CC		
CHECKED	RF	DRAWING NO.	REV. B
MFG. APPR.	LL	D5383	SHEET 1 OF 2
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	TEE	NTS
DATE	16.11.15	COPYRIGHT © 2016 BY DART AEROSPACE USA, LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSES OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, LTD.	

APPROVED

DQA: _____ Date: _____

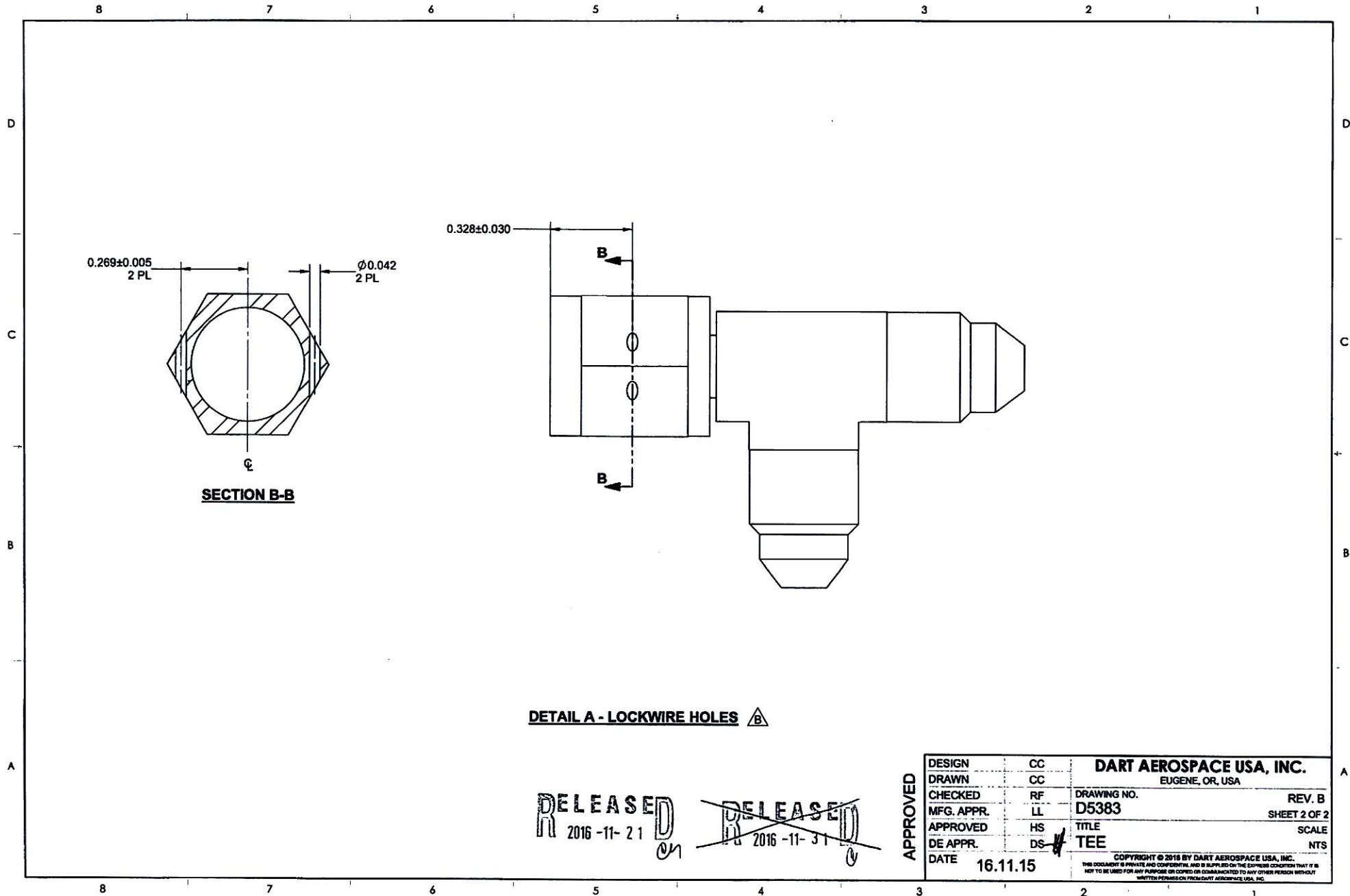


WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					



DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					